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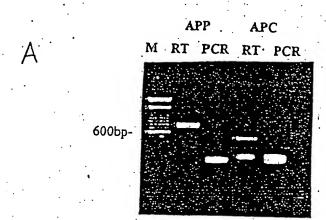
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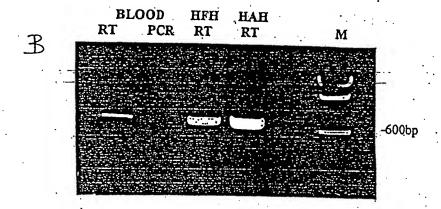
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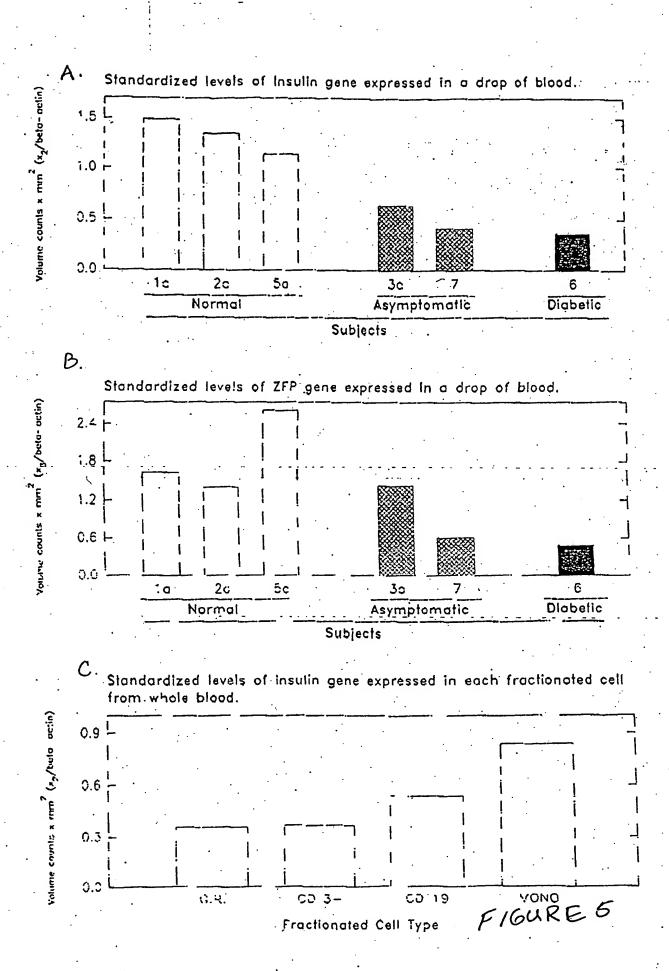
GURE

1 2 3 4

1 2 3

ZFP GADH

INS



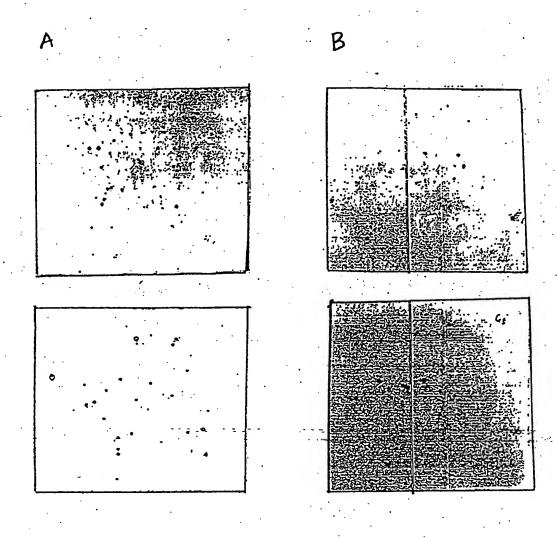


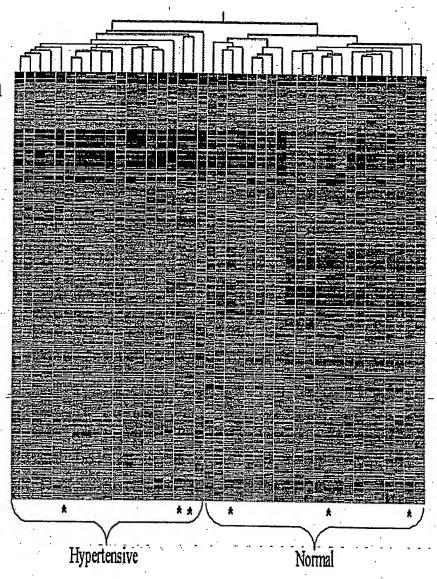
FIGURE 6

Human Fetal Heart ☐ Cell Signalling/Communication 🖻 Gene/Protein expression Ellorganism desense Cell structure/Motility G-Cell Division **國** Metabolism **國 Unclassified** 26% 8% Human Blood 2% Total :13, 283 ESTs Known: 6,283 Mitochondrial: 405 Ribosome: 498 Repeat: 868 Mis.: 156 Novel: 2,718 22 % %9

17%

5%

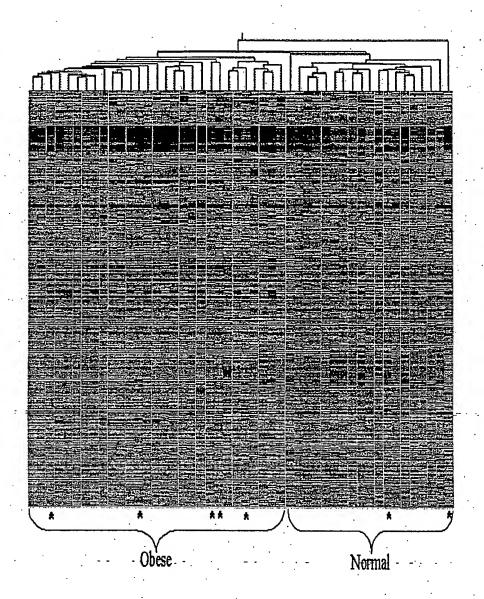
Figure 8
Hypertension



Hypertensive: 19

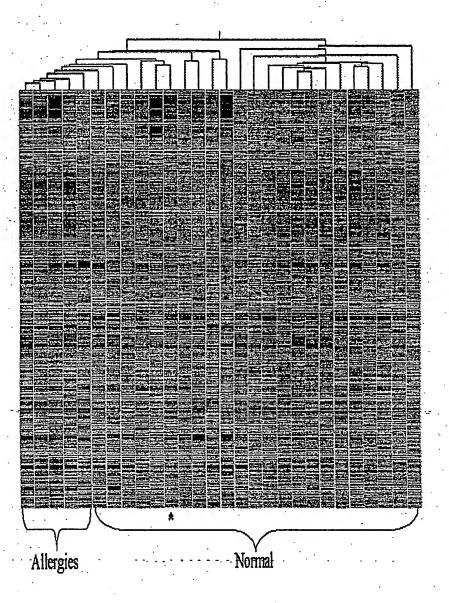
Normal: 22

Figure 9
Obesity



Obese: 25 Normal: 22 Differentially Expressed Genes (p<0.05): 913

Figure 10 Allergies

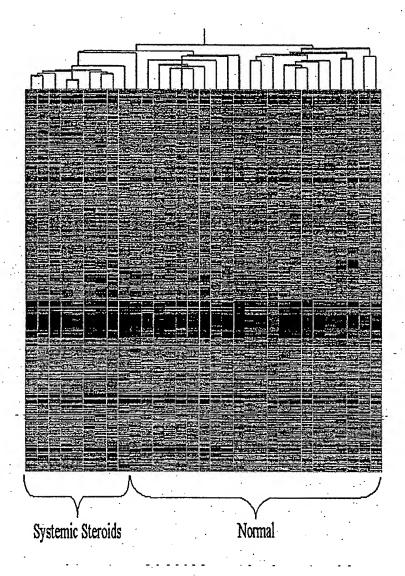


Allergies: 6

Normal: 22

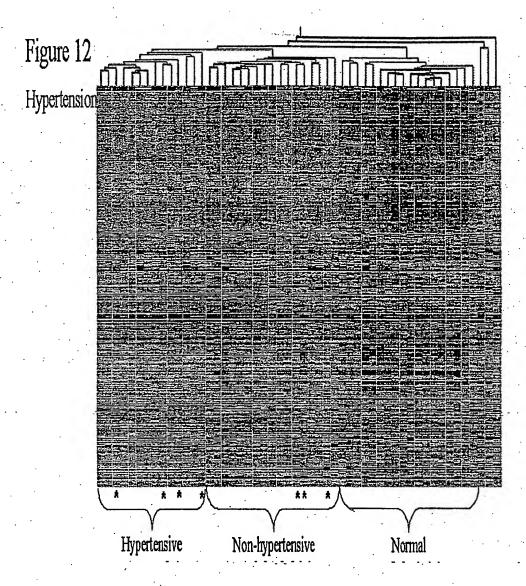
Figure 11

Systemic Steroids

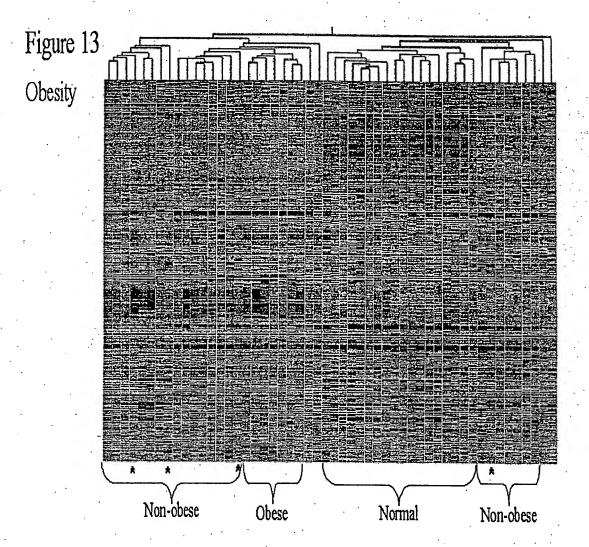


Systemic Steroids: 9

Normal: 22



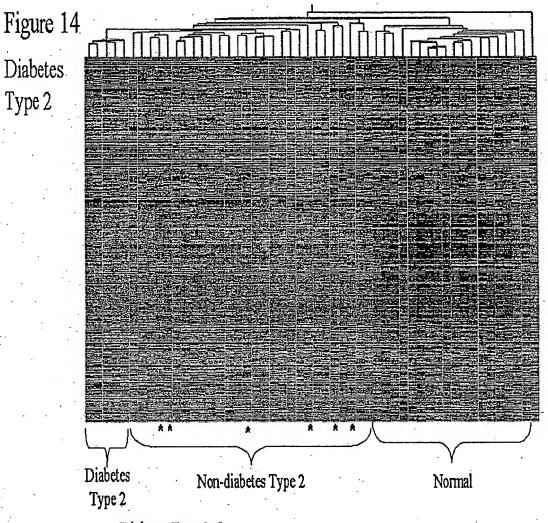
Hypertensive: 10
Non-hypertensive: 18
Normal: 24
Differentially Expressed Genes (p<0.05): 1,993



Obese: 8

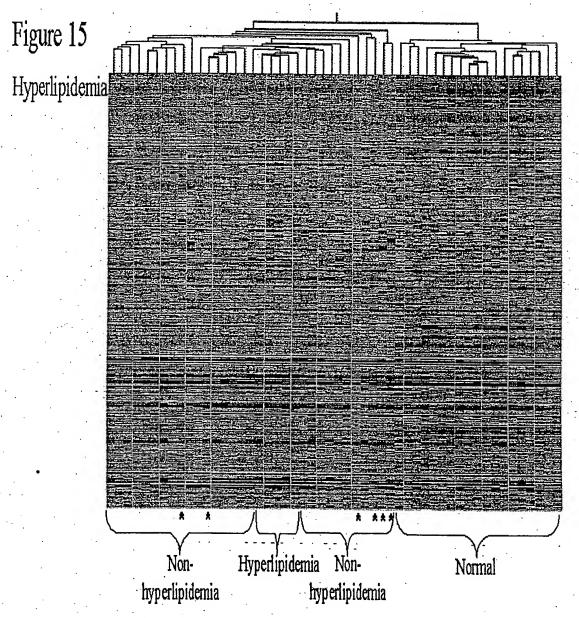
Non-obese: 20

Normal: 24



Diabetes Type 2: 5 Non-diabetes Type 2: 23

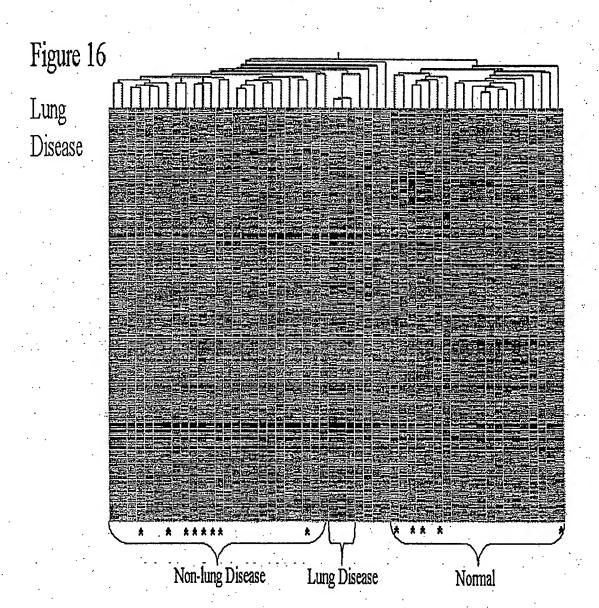
Normal: 24



Hyperlipidemia: 7

Non-hyperlipidemia: 21

Normal: 24



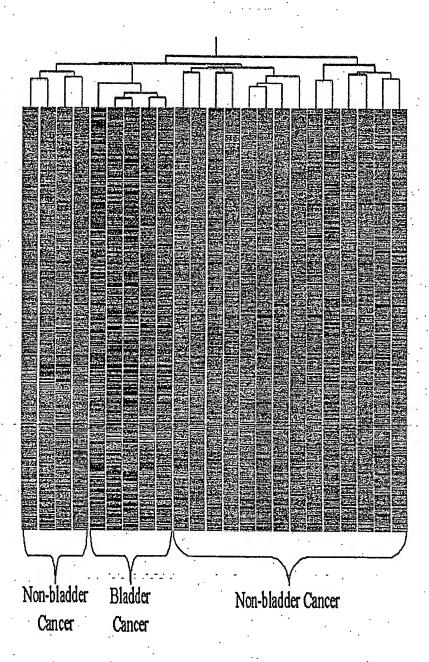
Lung Disease: 3

Non-lung Disease: 25

Normal: 24

Figure 17

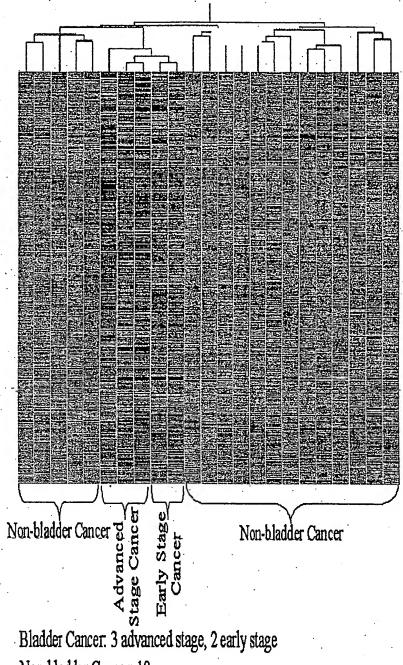
Bladder Cancer



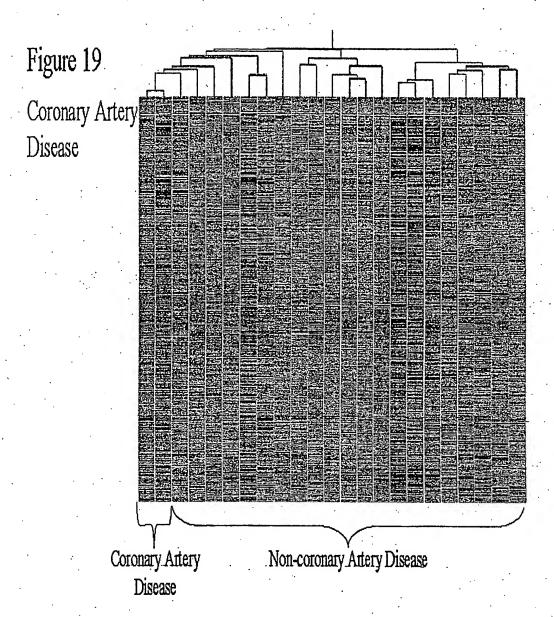
Bladder Cancer: 5

Non-bladder Cancer. 18

Figure 18 Bladder Cancer

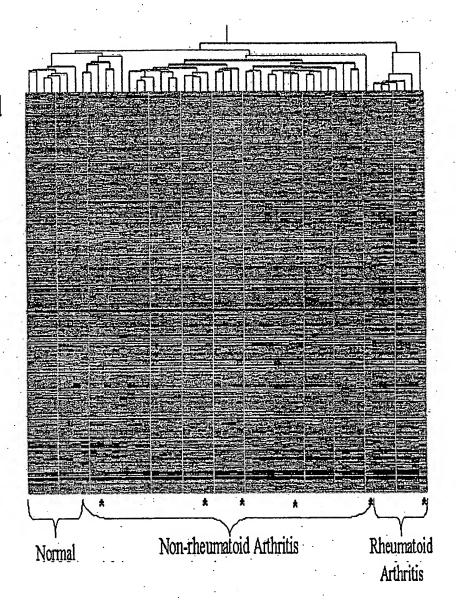


Non-bladder Cancer: 18



Coronary Artery Disease: 2 Non-coronary Artery Disease: 21 Differentially Expressed Genes (p<0.05): 967

Figure 20
Rematoid
Arthritis

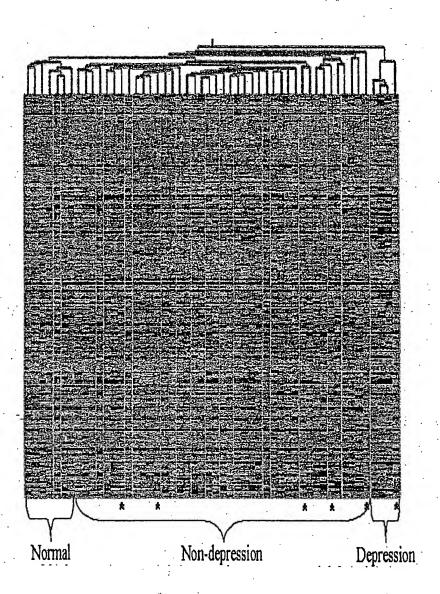


Rheumatoid Arthritis: 6

Non-rheumatoid Arthritis: 34

Normal: 12

Figure 21
Depression

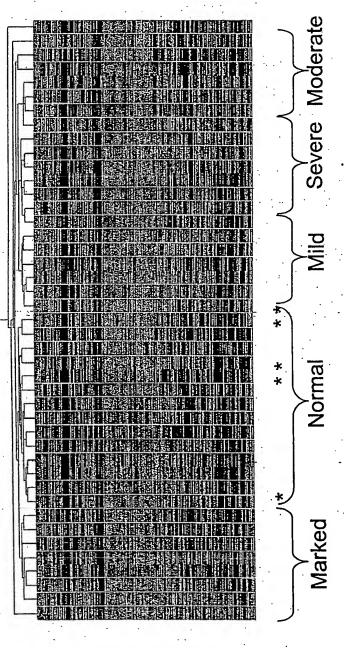


Depression: 3

Non-depression: 37

Normal: 12

Figure 22 Osteoarthritis



Osteoarthritis: 9 mild, 8 moderate, 8 marked, 9 severe

Normal: 9

RT-PCR of overexpressed genes in CAD peripheral blood cells identified using microarray experiments,

including PBP, PF4 and F13A.

Marker Contr. 1 Contr. 2 Contr. 3 CAD1 CAD2 CAD3 CAD4

Connective Tissue Activating Peptide. III

Figure 24

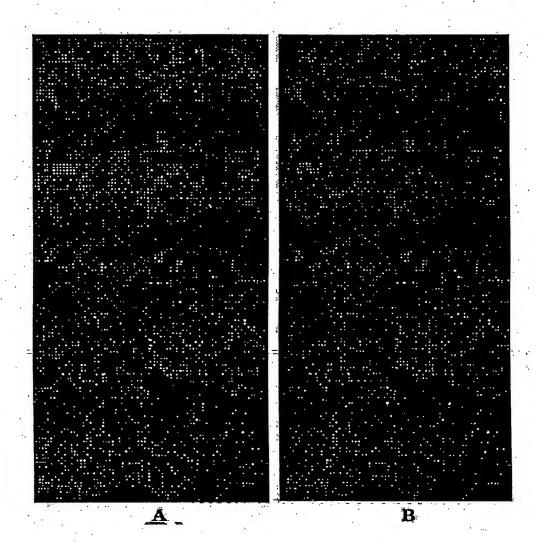
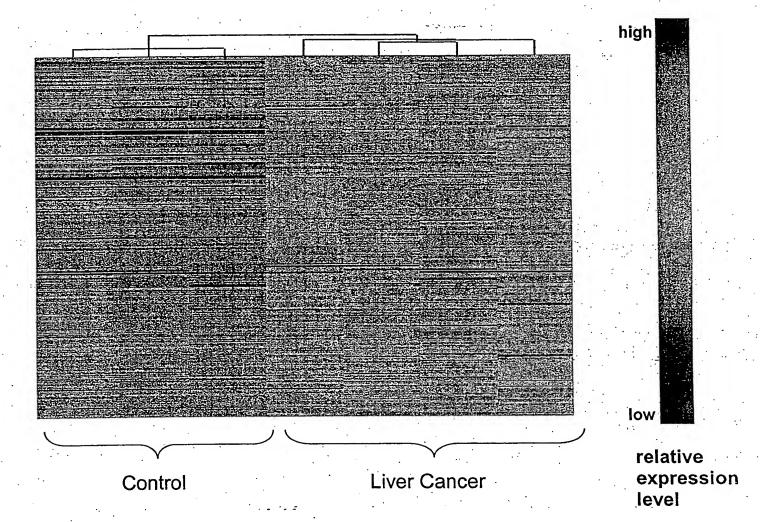


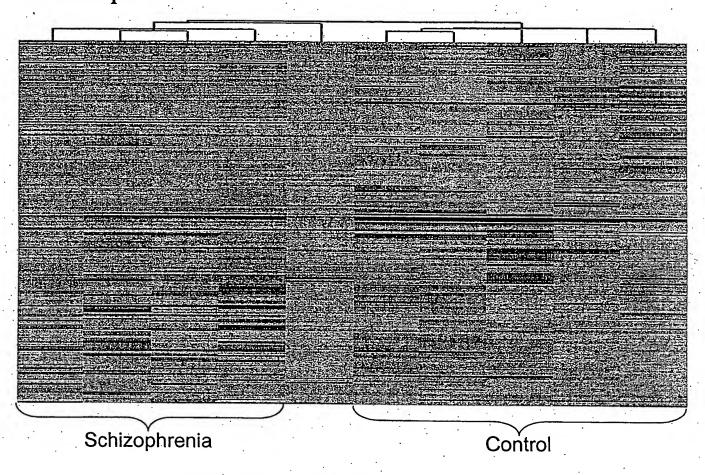
Figure 25

Liver Cancer



Control (red): n=3; Liver Cancer (orange): n=4

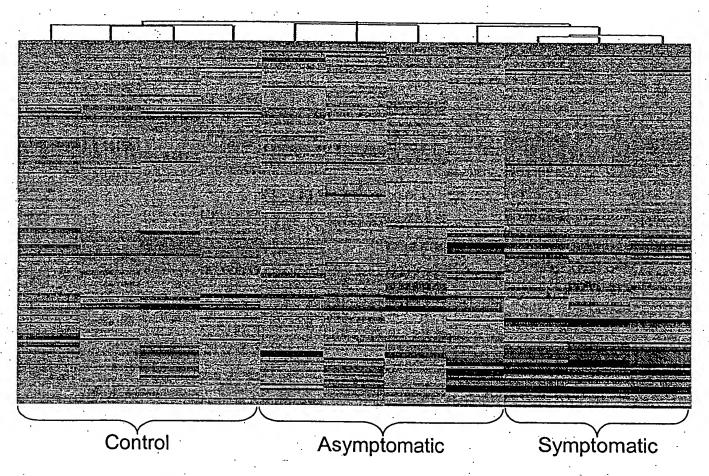
Figure 26
Schizophrenia



Control (red): n=6; Schizophrenia (orange): n=4

p<0.005 252 genes

Figure 27 Chagas Disease

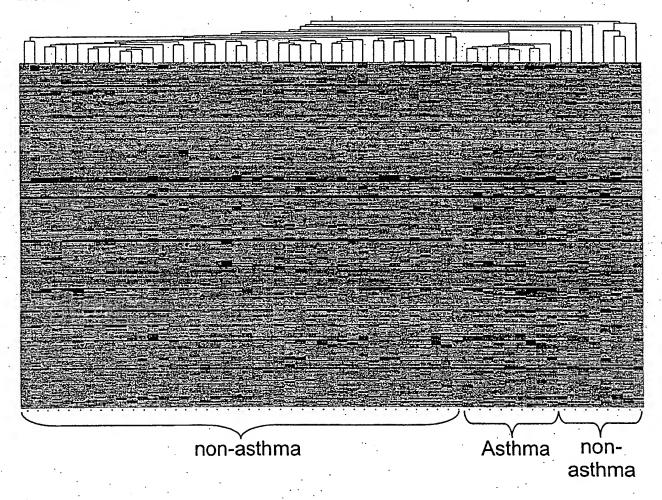


Control (orange): n=4; Chagas' asympt. (red): n=4; Chagas' sympt. (yellow): n=3

p<0.01 155 genes

Figure 28

Asthma



Asthma: n=9 Non-asthma: n=50

p<0.05 219 genes

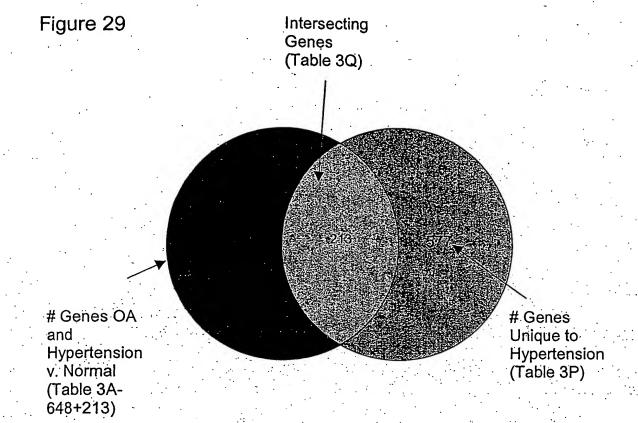
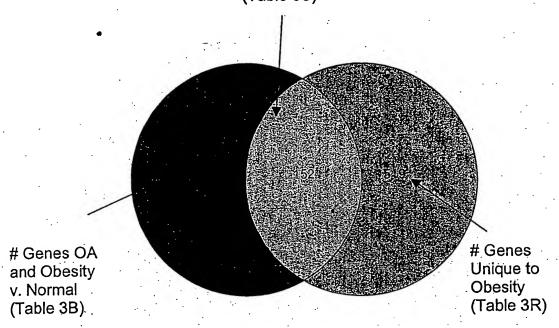
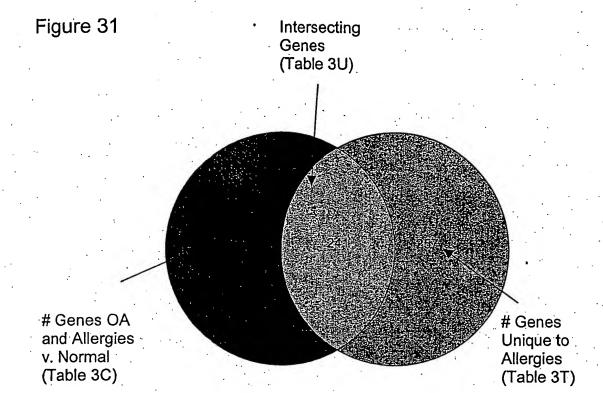


Figure 30

Intersecting Genes (Table 3S)





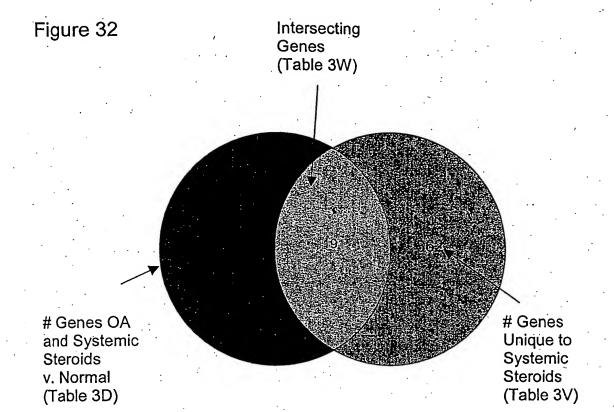
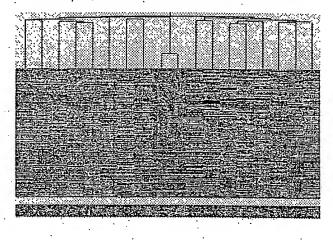


Figure 33

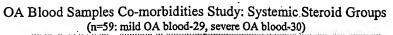
Schizophrenia, Batch 2 vs. MDS

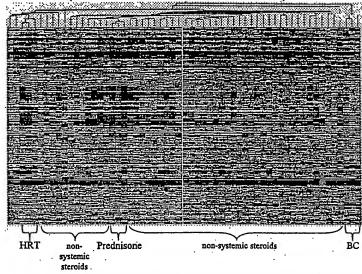


Schizophrenia (yellow): n=16; MDS (blue): n=2

p<0.05 294 genes

MDS = Manic Depression Syndrome





Systemic Steroids (n=9): 3 prednisone, 3 birth control, 3 hormone replacement therapy Non-systemic steroids: 50
Differentially Expressed Genes (p<0.05): 396

HRT = hormone replacement therapy; BC = birth control